

TEMPORARY JUMPER CABLE - 5/15kV

EPR Insulation - Non-Shielded

4 AWG - 500 KCMIL • Single Conductor • 90°C Damp or Dry Locations

Scope

This specification covers non-shielded single conductor cables having rope stranded, bare copper conductors; semi-conducting tape and red ethylene propylene rubber (EPR) insulation. Cables are rated 15,000 volts, 90°C damp or dry locations.

Applications

Temporary jumper cables are intended for use as flexible power leads to by-pass portions of aerial power lines. They are also used in equipment where a non-shielded flexible cable is required. Access to these cables is limited to authorized personnel.

Construction

Conductor: Flexible rope stranded annealed uncoated copper.

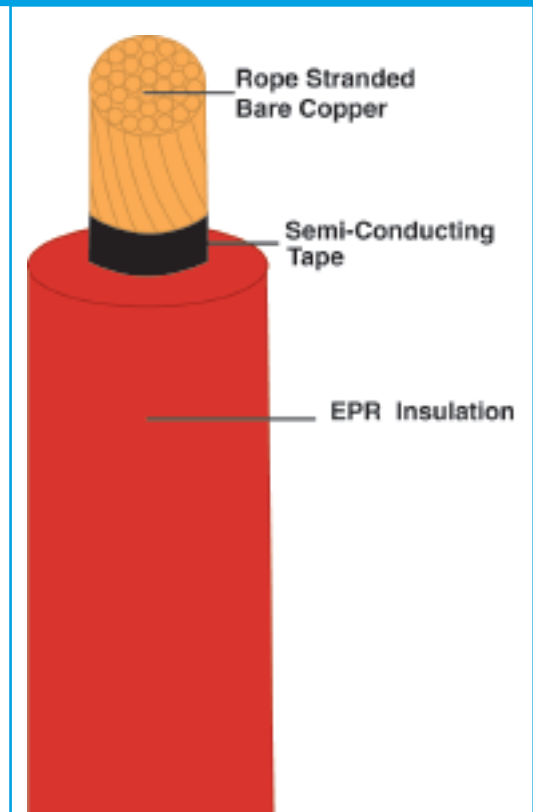
Conductor Shield: Nylon semi-conducting tape.

Insulation: Heat, moisture, and ozone resistant ethylene propylene rubber (EPR) 90°C per ICEA S-96-659 (NEMA WC 71), part 4.

Tests: The finished cable shall be tested in accordance with and meet the requirements of ICEA S-96-659 as applicable.

Optional Constructions:

Consult factory for cable specifications with alternate constructions or materials.



5/15kV EPR • Copper Conductor • 90°C Rating • ES16748

Insulation Thickness 210 Mils

| Part Number | Size AWG or KCMIL | No. of Strds. | Nom. Cond. Diameter (Inches) | Approx. O.D. (Inches) | Amps ¹ | Approx. Net Wght Lbs./M Ft. |
|-------------|-------------------|---------------|------------------------------|-----------------------|-------------------|-----------------------------|
| - | 4 | 259 | .272 | .715 | 150 | - |
| 67462 | 2 | 259 | .330 | .775 | 195 | 420 |
| - | 1 | 259 | .375 | .820 | 225 | - |
| 67463 | 1/0 | 259 | .420 | .865 | 260 | 580 |
| 67464 | 2/0 | 259 | .474 | .920 | 300 | 685 |
| 67465 | 4/0 | 516 | .540 | .985 | 400 | 950 |
| 67466 | 350 | 855 | .775 | 1.240 | 550 | 1500 |
| 67467 | 500 | 1235 | .930 | 1.395 | 685 | 2055 |

¹Ampacities are based on single conductor cables isolated in air. Conductor temperature of 90°C and ambient air temperature of 40°C per Table 310.69 of the 2002 NEC.